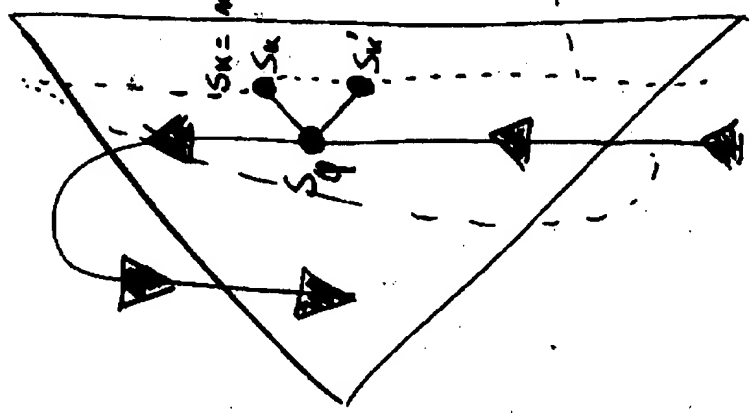


Exhibit A

249-641-0270 ENAMES FWD PASS

T = 10 snapshot



Backward - Transverse

$$S_k = \max \{ S_q(t-1) + \bar{a}_{q,k} \} + d_k(t)$$

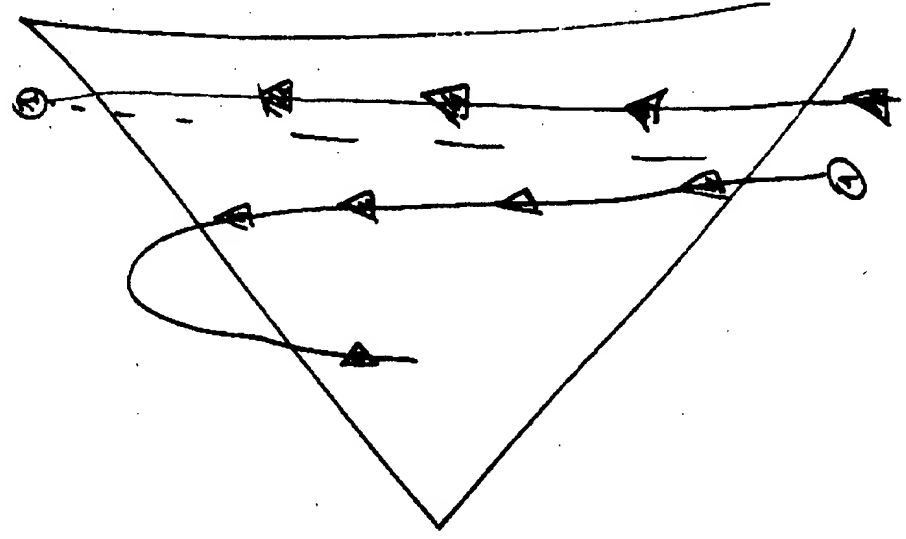
$$\text{trans. prob}$$

$$\text{case like contrib.}$$

attached @
 time (t-1)
 of parent node

new wave
 (moved forward)

T = 11 snapshot



wave moved-forward